PATENT ABSTRACTS OF JAPAN

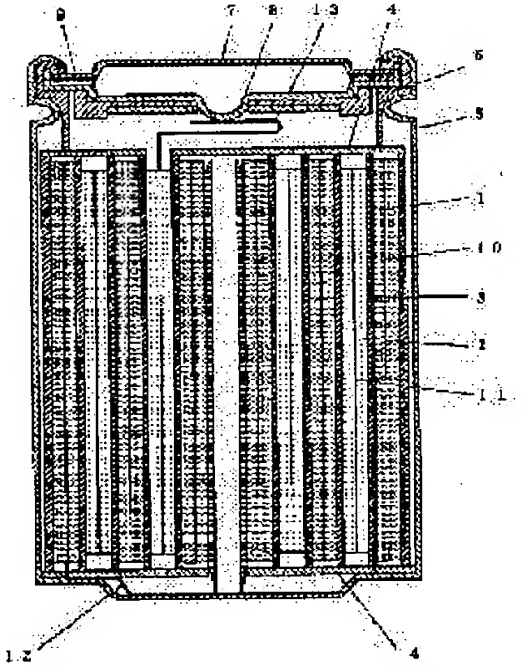
(11)Publication number : 10-149832
(43)Date of publication of application : 02.06.1998

(51)Int.Cl. H01M 4/58
H01M 4/02
H01M 10/40

(21)Application number : 08-326125 (71)Applicant : SONY CORP
(22)Date of filing : 20.11.1996 (72)Inventor : SATO KAZUYA
KIMURA SHIGEO
WATANABE FUJIHIKO
ISHIZAKI HARUAKI
KIKUCHI TAKEHARU
OBATA SHIGEHARU

(54) NONAQUEOUS ELECTROLYTE SECONDARY BATTERY

(57)Abstract:
PROBLEM TO BE SOLVED: To concurrently realize a low self-discharge rate and a high recovery factor in a nonaqueous electrolyte secondary battery provided with a positive electrode coated with a positive electrode mix containing a positive electrode active material on a positive electrode current collector, a negative electrode coated with a negative electrode mix containing a negative electrode active material on a negative electrode current collector, and a nonaqueous electrolyte, particularly a lithium ion nonaqueous electrolyte secondary battery.
SOLUTION: This nonaqueous electrolyte secondary battery is provided with a positive electrode 2 coated with a positive electrode mix containing a positive electrode active material on a positive electrode current collector 11, a negative electrode 1 coated with a negative electrode mix containing a negative electrode active material on a negative electrode current collector 10, and a nonaqueous electrolyte. Grains having the specific surface area of 0.20-0.32m2/g and the moisture value of 150ppm or below are used for the positive electrode active material.



LEGAL STATUS

[Date of request for examination]

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's decision of rejection]

[Date of extinction of right]